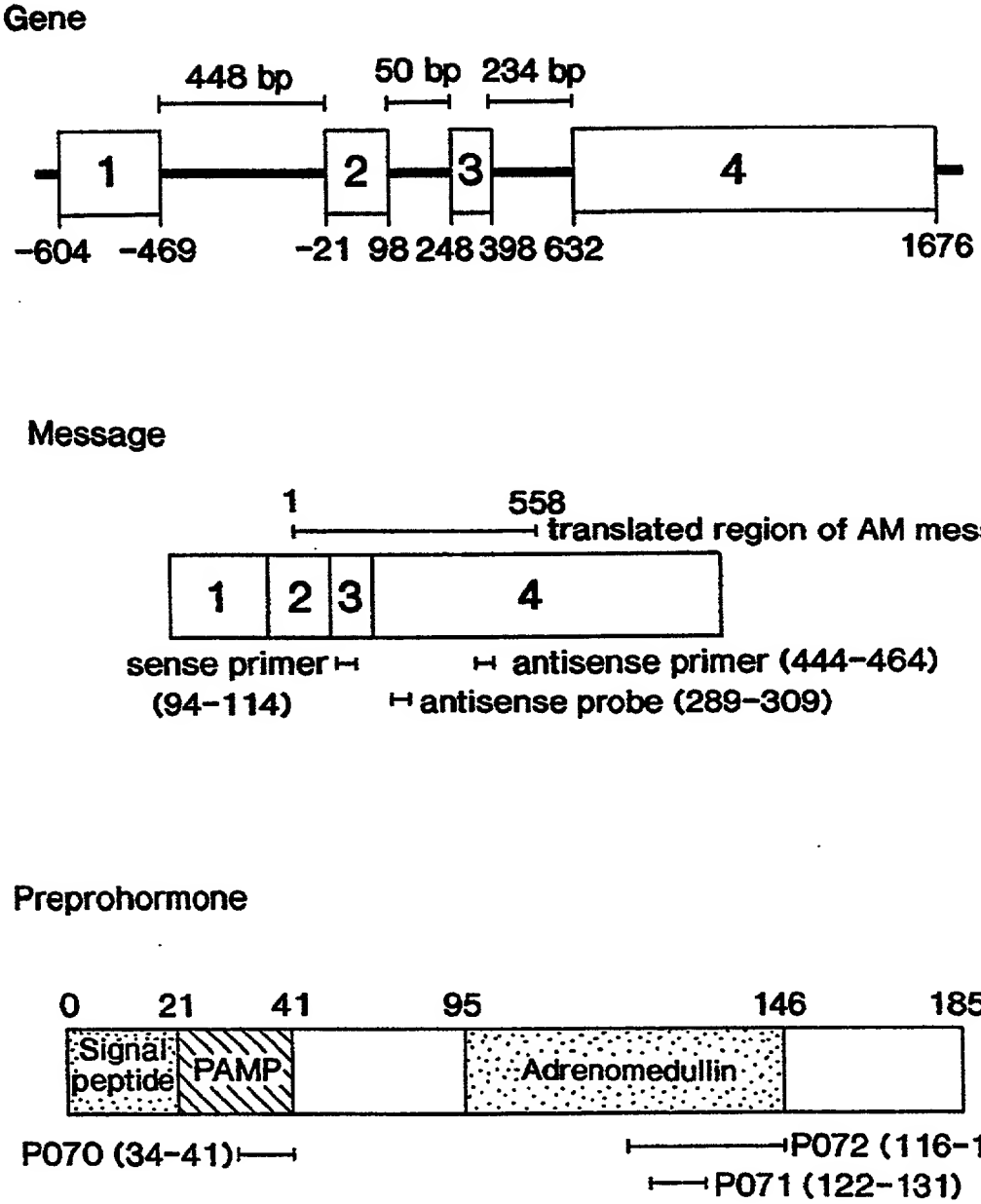
Gene
448 bp
50 bp
234 bp
1
2
3
4
-604
-469
-21
98
248
398
632
1676
Message
1
558
translated region of AM message
1
2
3
4
sense primer
(94-114)
antisense primer (444-464)
antisense probe (289-309)
Preprohormone
0
21
41
95
146
185
Signal peptide
PAMP
Adrenomedullin
P070 (34-41)
P072 (116-146)
P071 (122-131)

FIG. 1

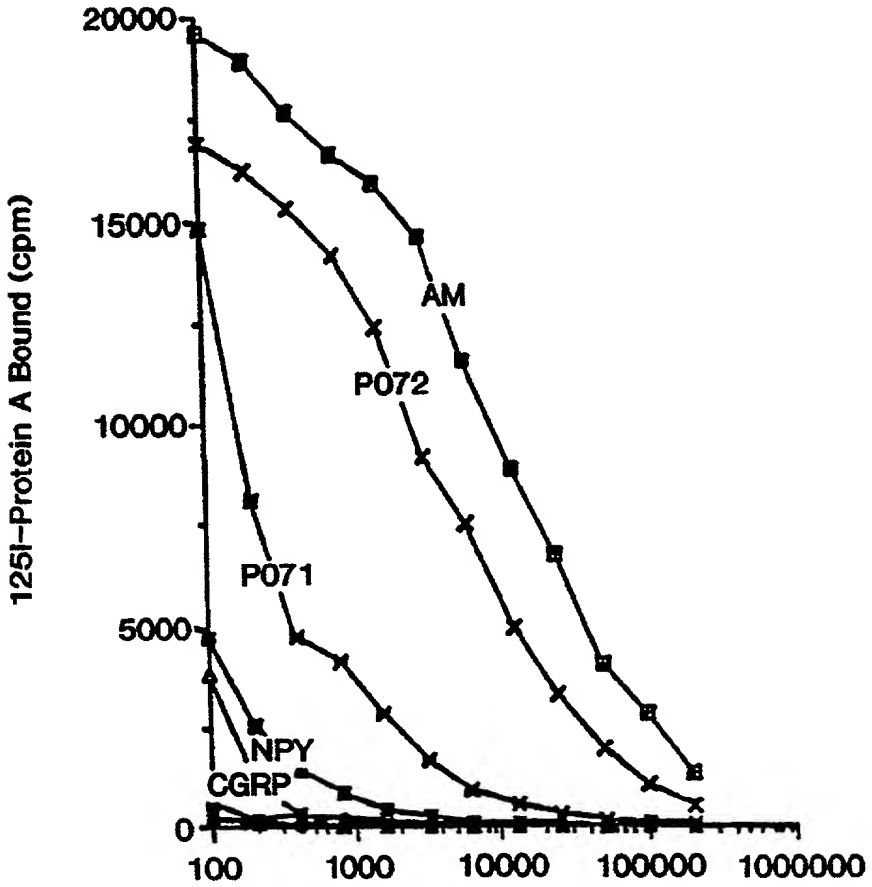
20000
15000
10000
5000
0
125I-Protein A Bound (cpm)
AM
P072
P071
NPY
CGRP
100
1000
10000
100000
1000000
Antibody Dilution

FIG. 2

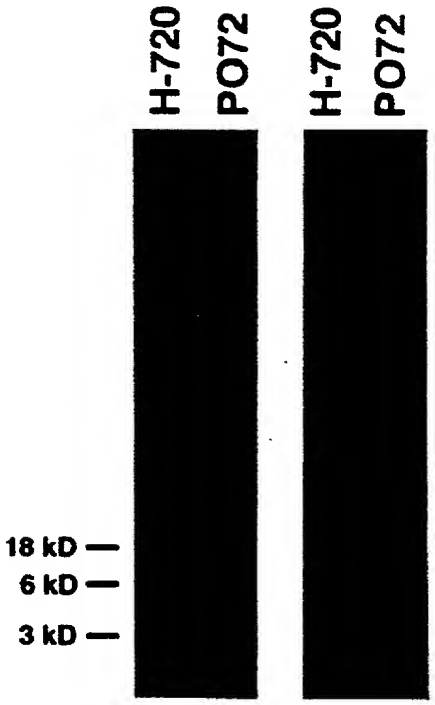

FIG. 3

FIG. 4A

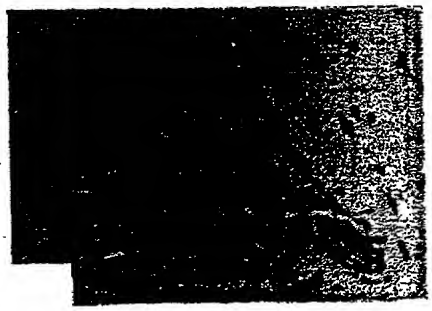

FIG. 5A

FIG. 4B

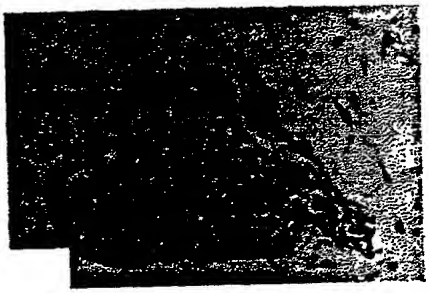

FIG. 5B

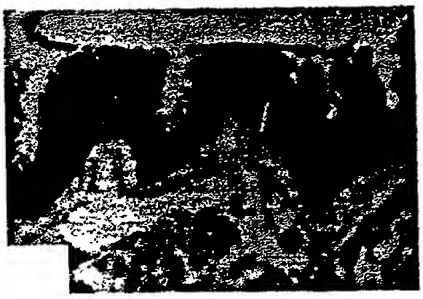

FIG. 4C

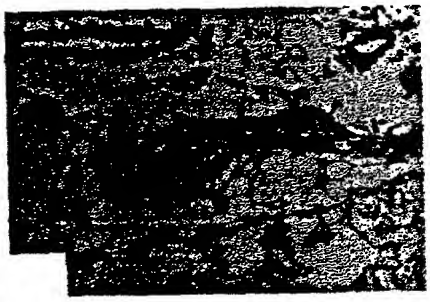

FIG. 5C

FIG. 4D

FIG. 5D

FIG. 6A

FIG. 6B

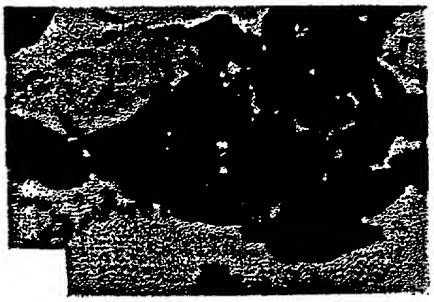

FIG. 7A

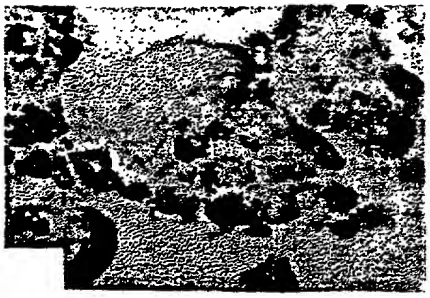

FIG. 7B

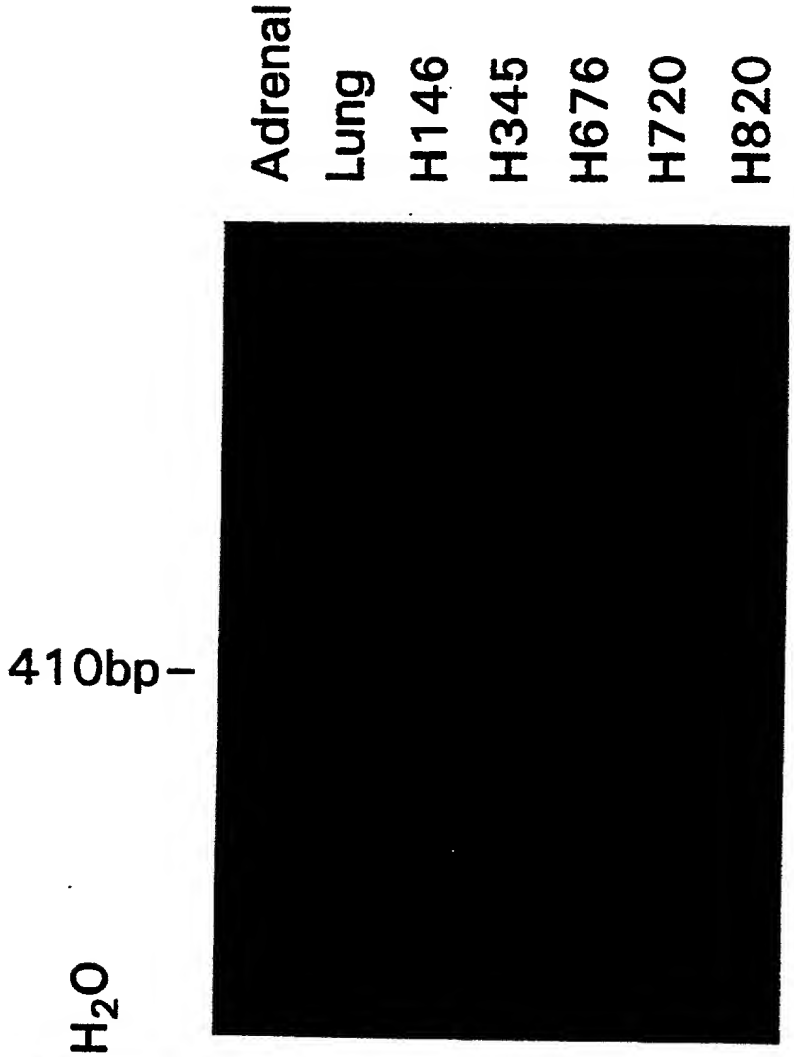

FIG. 8A

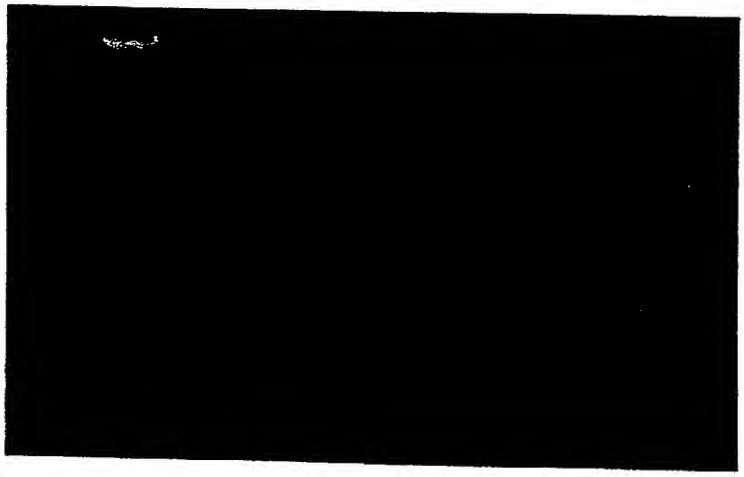

FIG. 8B

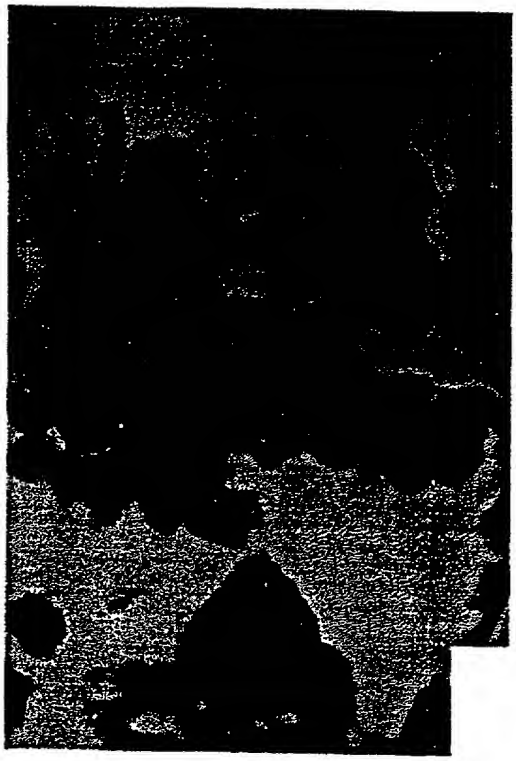

FIG. 10A

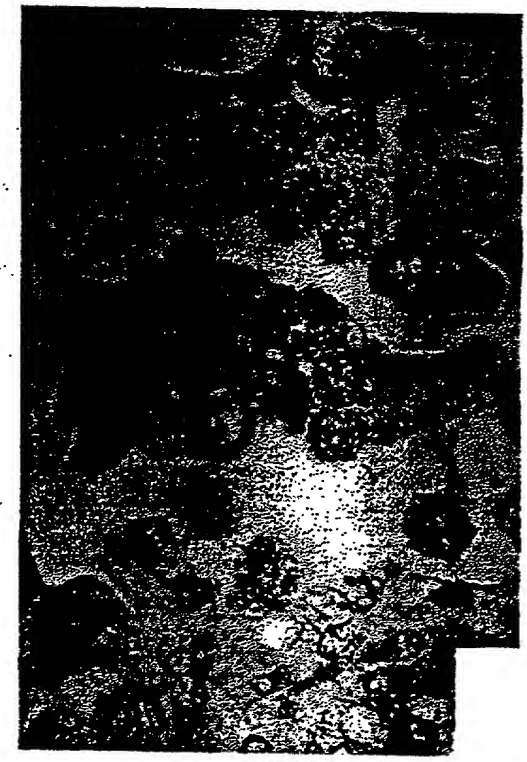

FIG. 10B

FIG. 9A

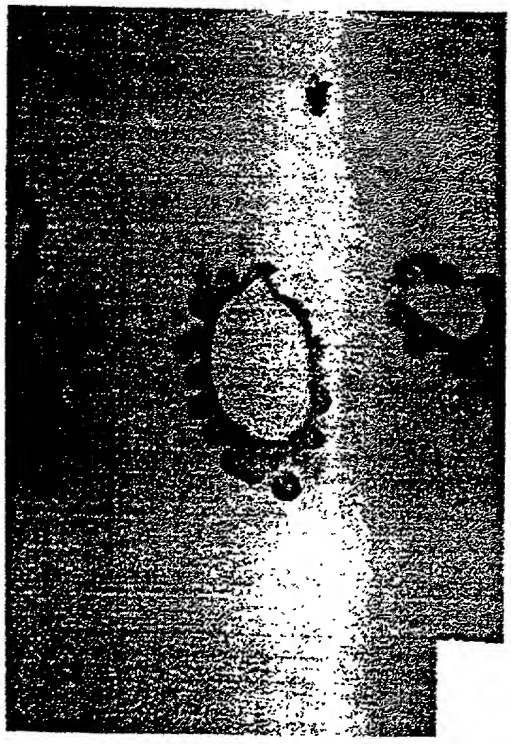

FIG. 9B

HISTAMINE RELEASE FROM RAT MAST CELLS

Peptide	HR_{50} [M][1]	Rats
	($\bar{x}$±SD)	(n)
AM	$7.9\pm3.9 \times 10^{-6}$	5
PO71	$> 10^{-3}$	1
P072	$> 10^{-4}$	1
AM_{1-12}	$> 10^{-4}$	1
PAMP	$4.7\pm2.3 \times 10^{-7}$	5
P070	2.6×10^{-6}	1
Controls		
LHRH	1.7×10^{-4}	2
NalArg	$1.5\pm53 \times 10^{-7}$	5

HR_{50} = molar concentration of peptide required to release 50% of total histamine from rat peritoneal mast cells.

FIG. 11

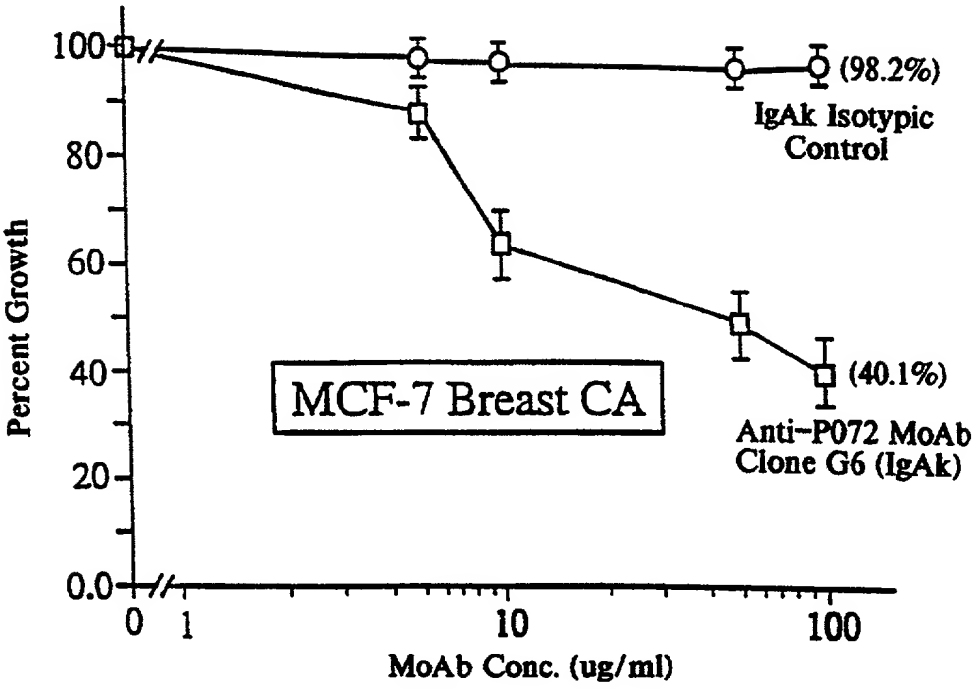

FIG. 12A

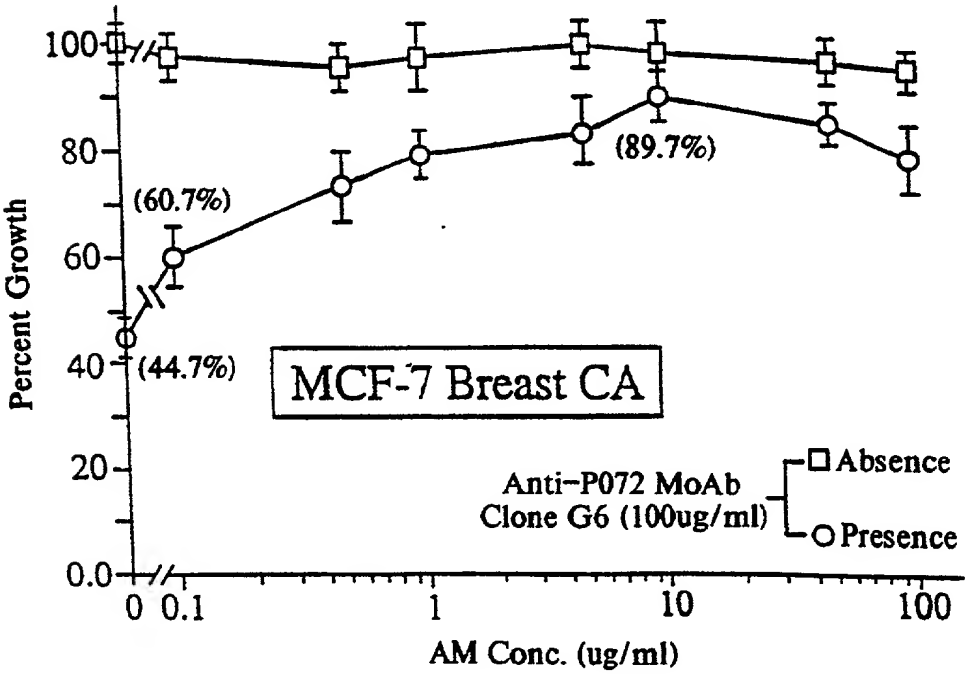

FIG. 12B

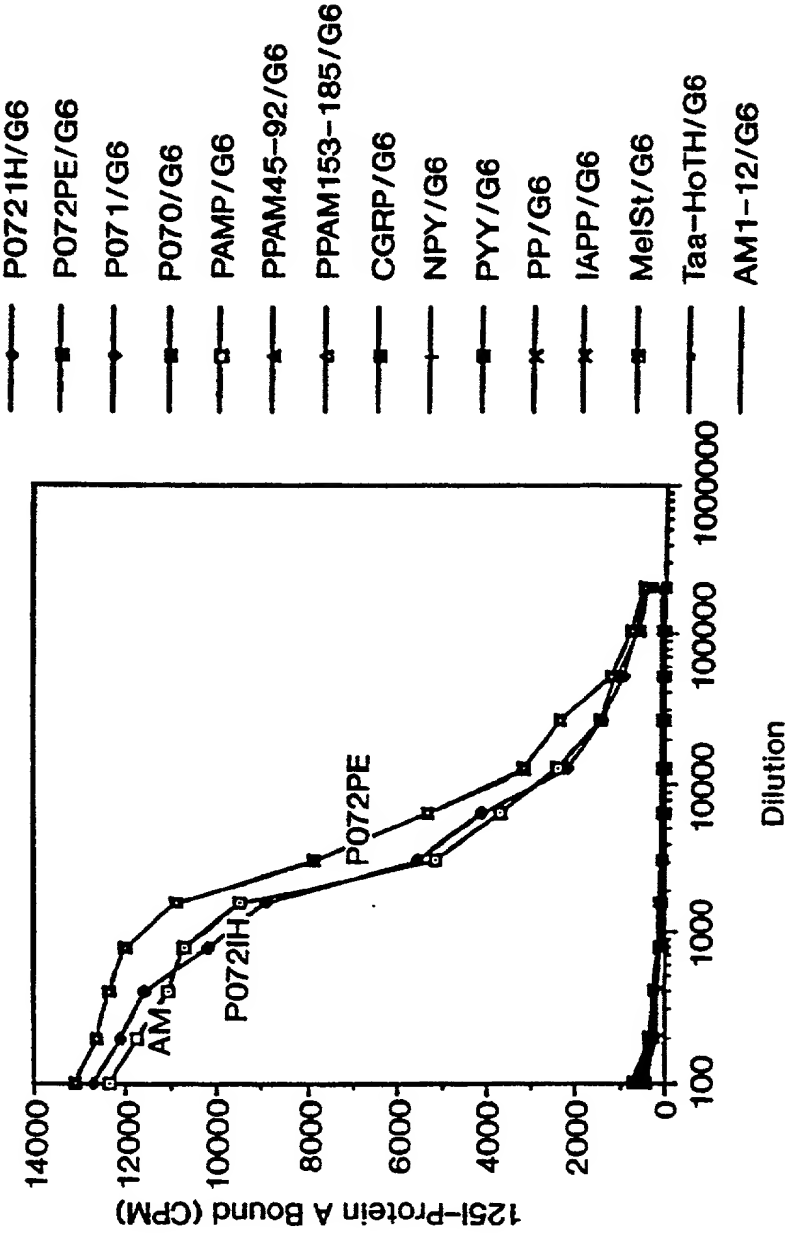
AM/G6
P0721H/G6
P072PE/G6
P071/G6
P070/G6
PAMP/G6
PPAM45-92/G6
PPAM153-185/G6
CGRP/G6
NPY/G6
PYY/G6
PP/G6
IAPP/G6
MelSt/G6
Taa-HoTH/G6
AM1-12/G6
125I-Protein A Bound (CPM)
14000
12000
10000
8000
6000
4000
2000
0
100
1000
10000
100000
1000000
Dilution
P072PE
P072IH
AM

FIG. 13

FIG. 14A

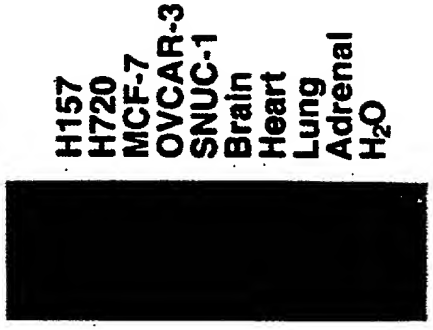

FIG. 14B

FIG. 14C

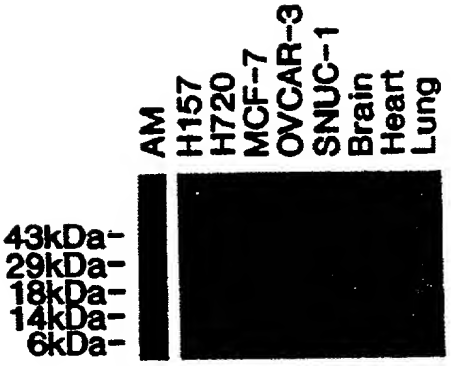

FIG. 14D

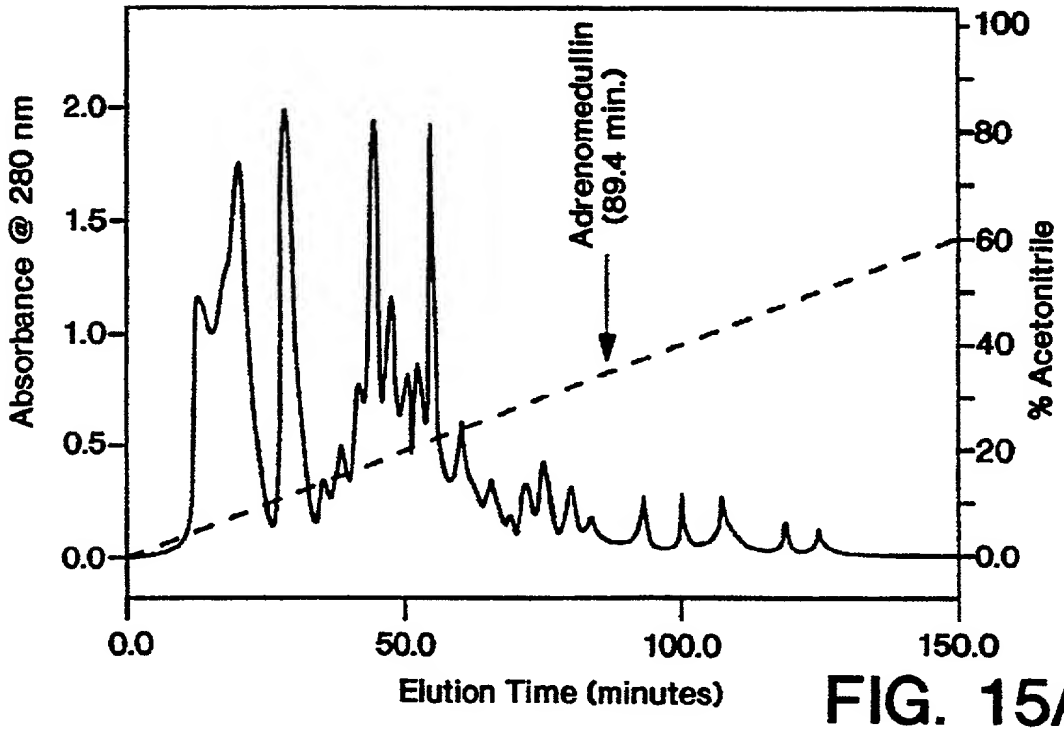

FIG. 15A

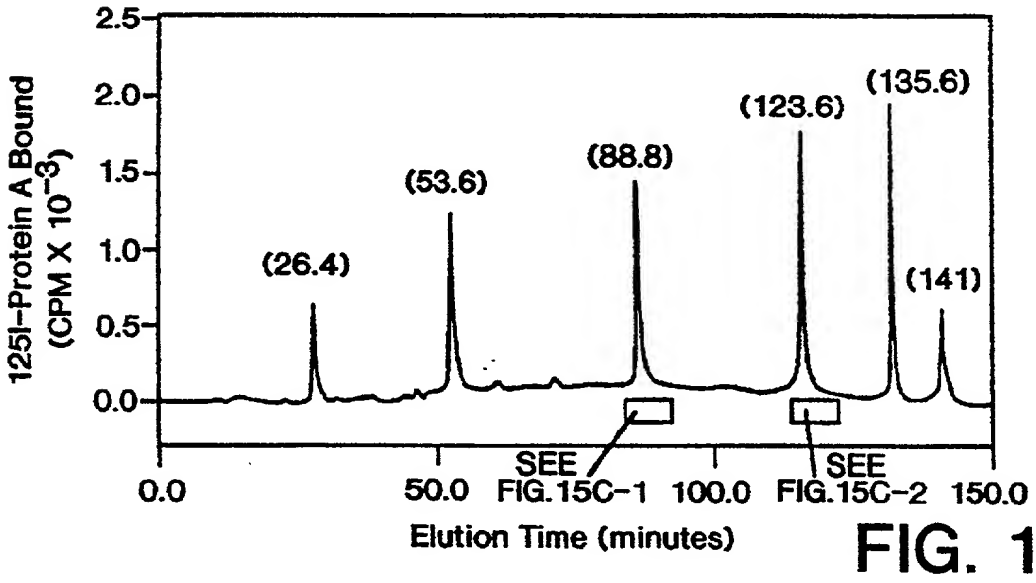

FIG. 15B

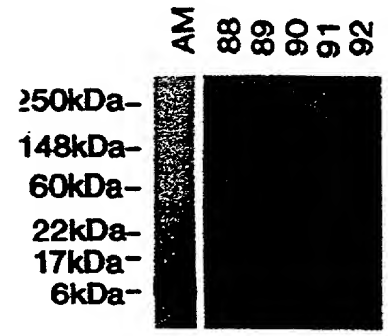

FIG. 15C-1

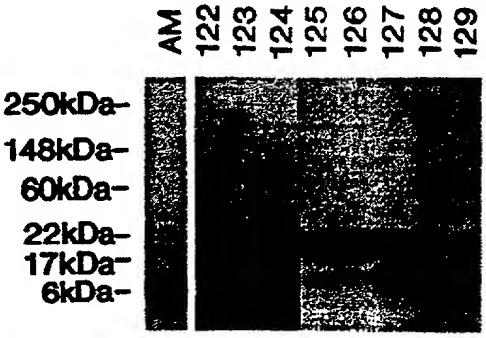

FIG. 15C-2

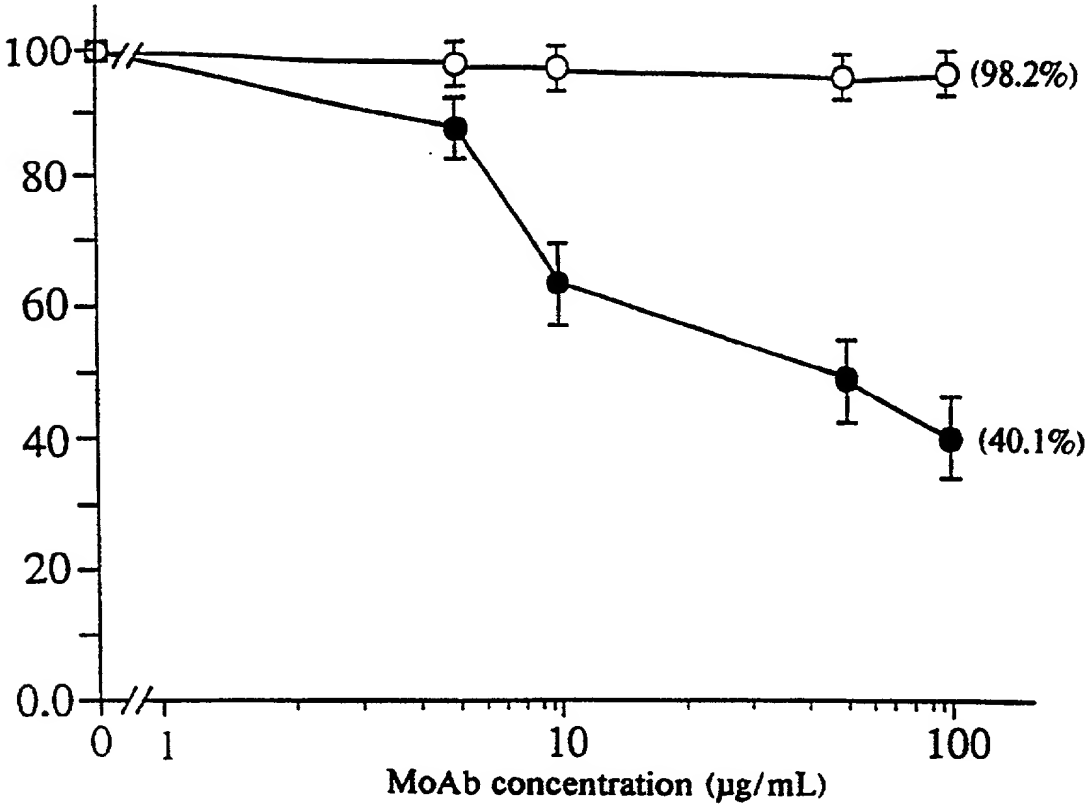

FIG. 16A

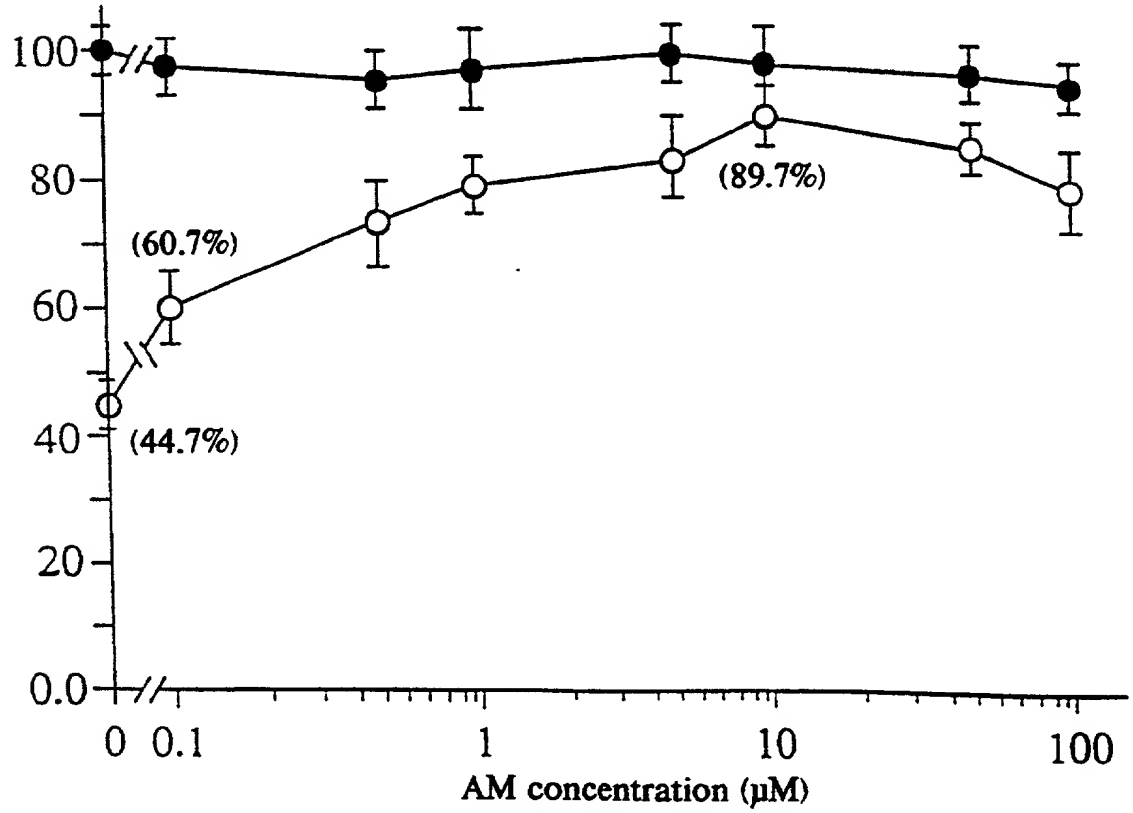

FIG. 16B

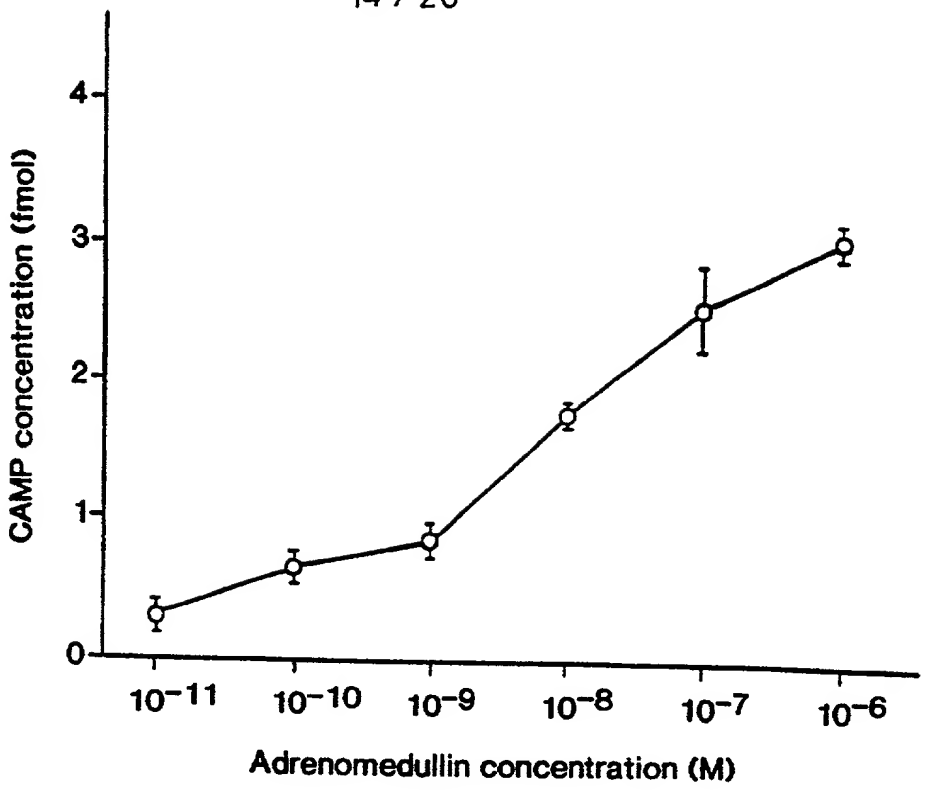

FIG. 16C

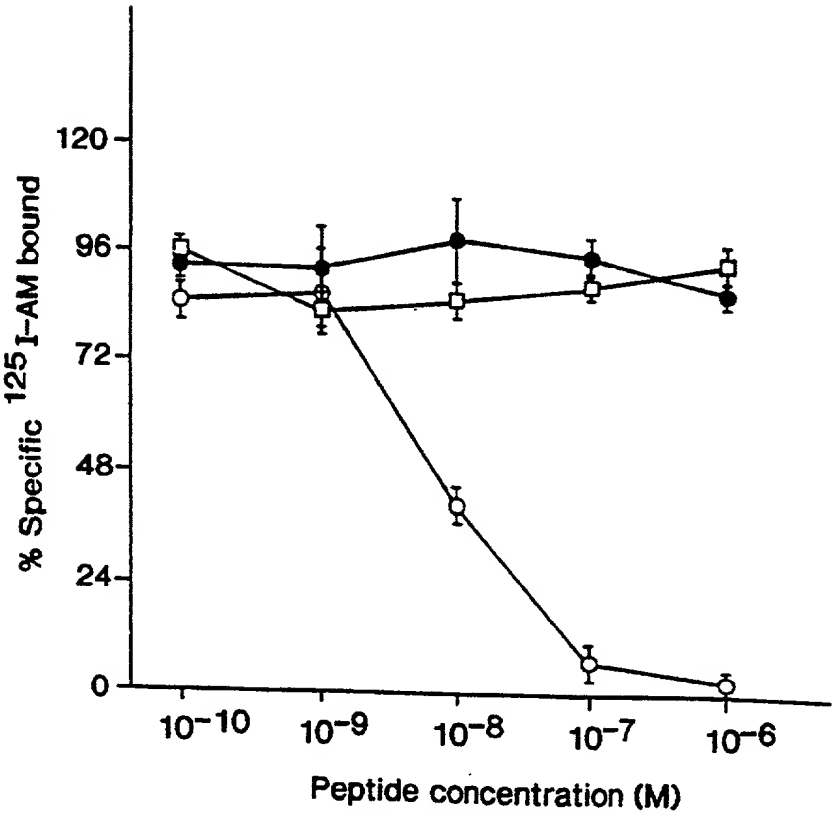

FIG. 16D

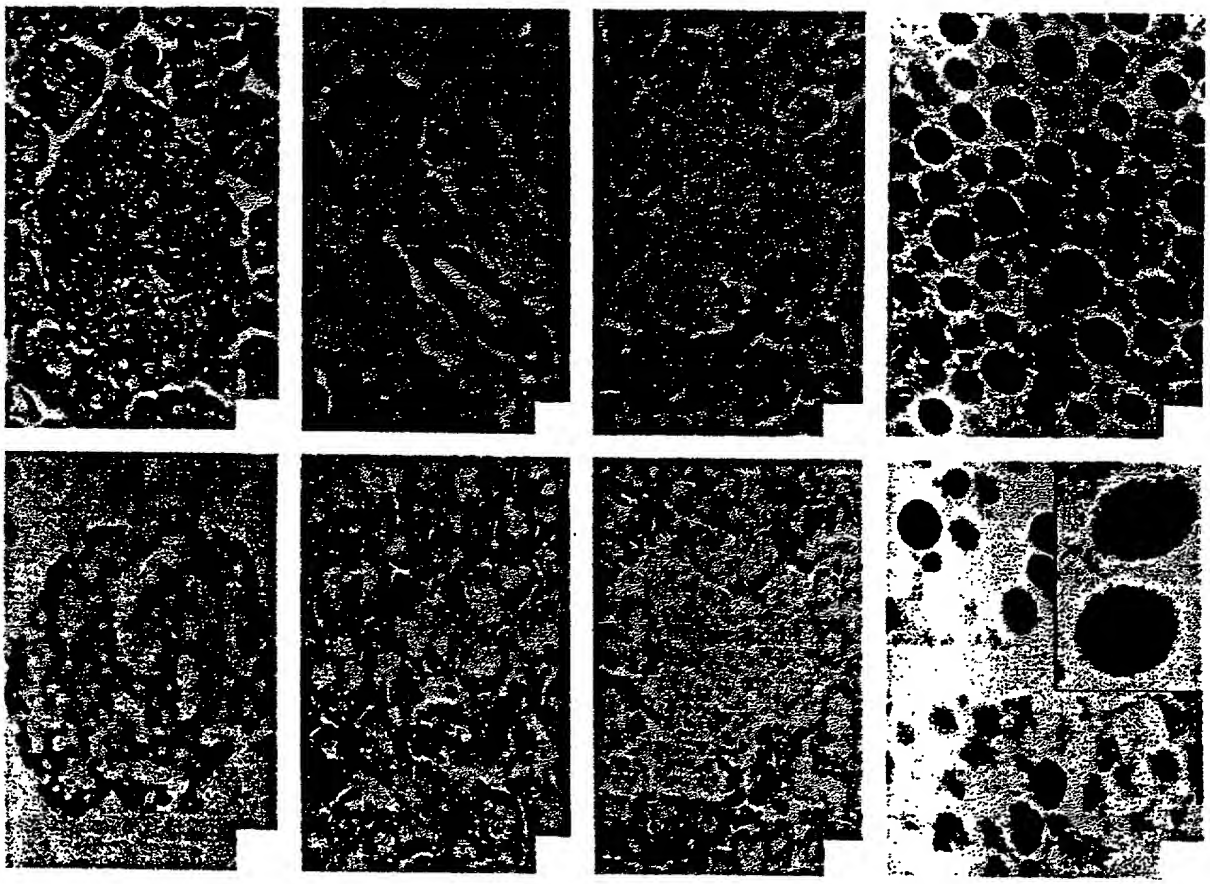

FIG. 17B FIG. 17D FIG. 17F FIG. 17H

FIG. 17A FIG. 17C FIG. 17E FIG. 17G

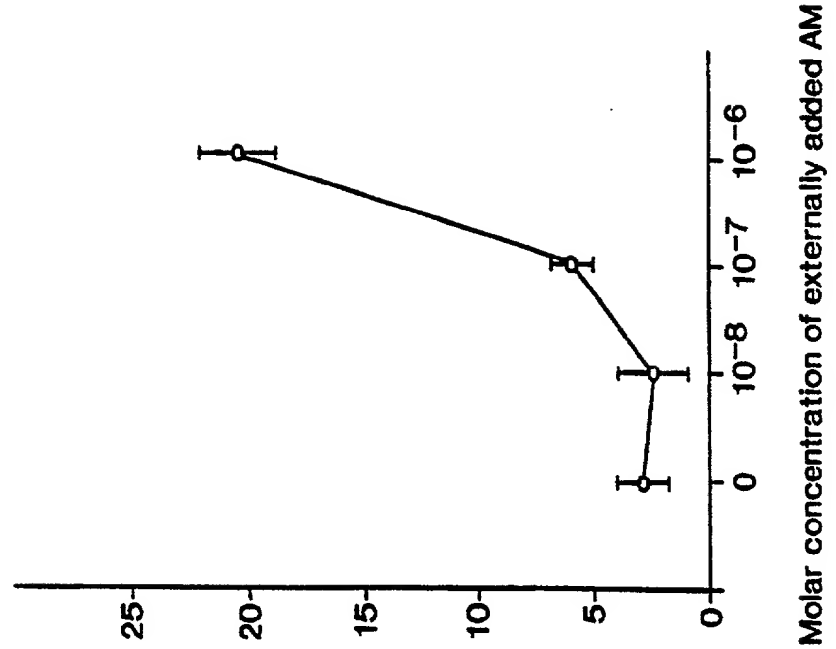

FIG. 18B

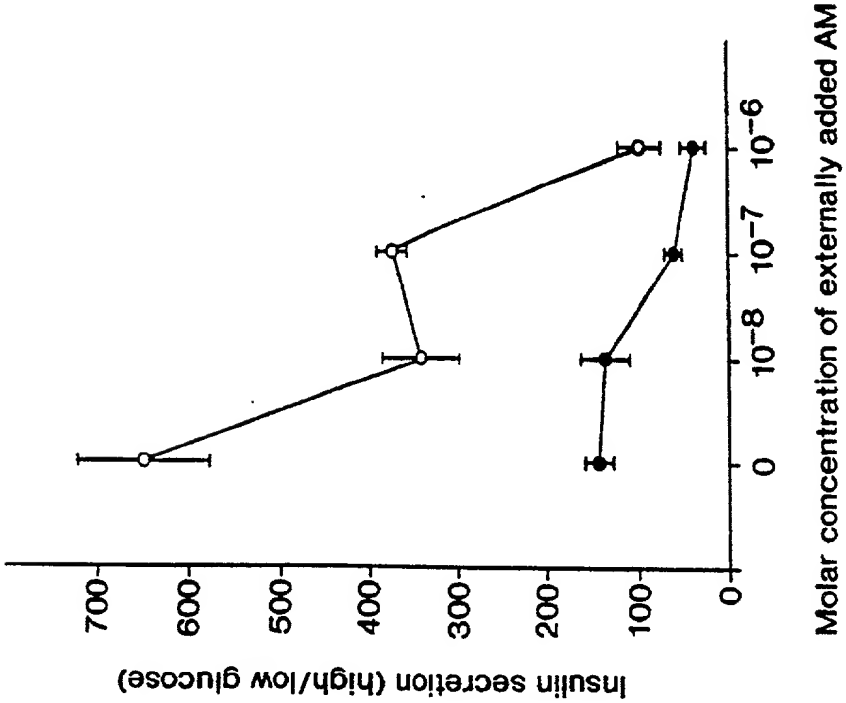

FIG. 18A

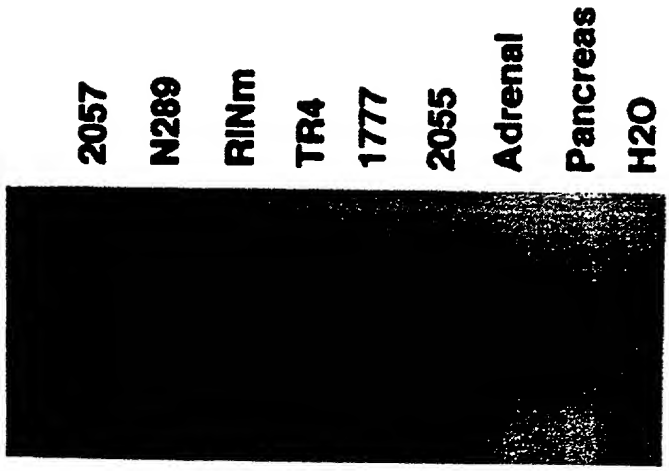

FIG. 19A

FIG. 19B

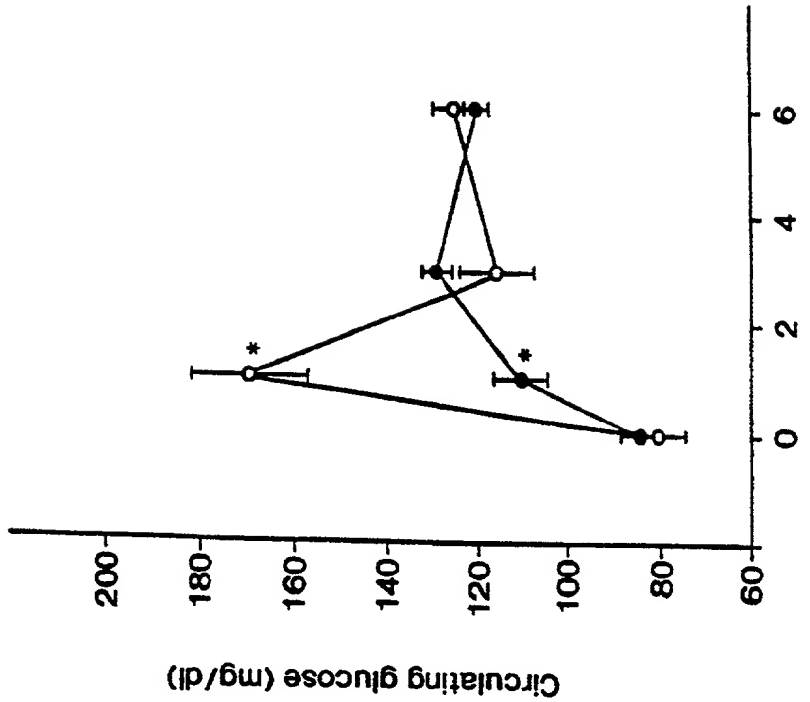

FIG. 20B

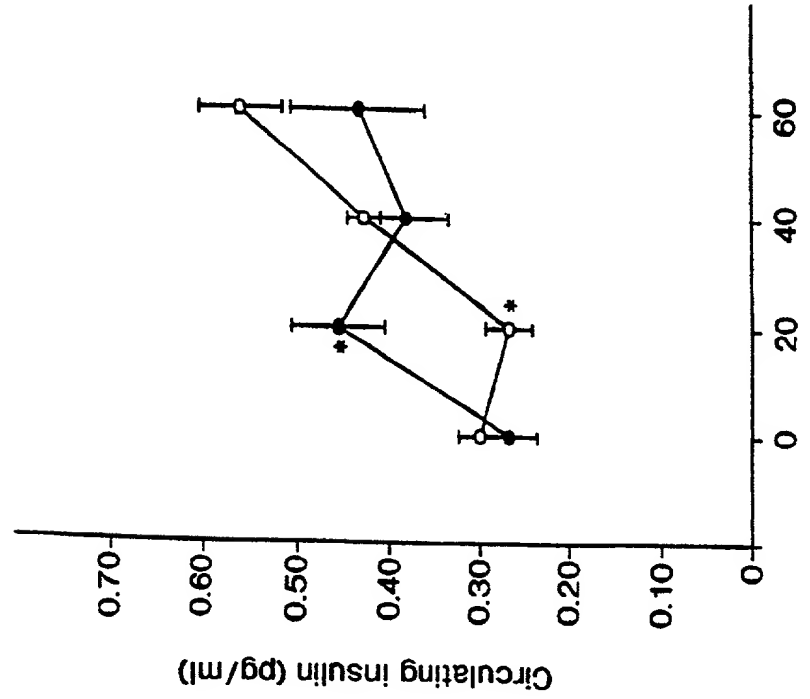

FIG. 20A

FIG. 21A

FIG. 21B

FIG. 21C

FIG. 21D

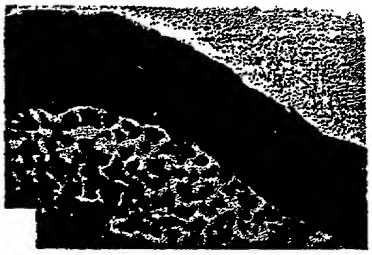

FIG. 21E

FIG. 21F

FIG. 21G

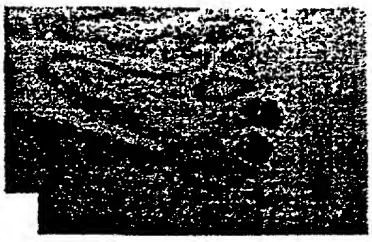

FIG. 21H

FIG. 21I

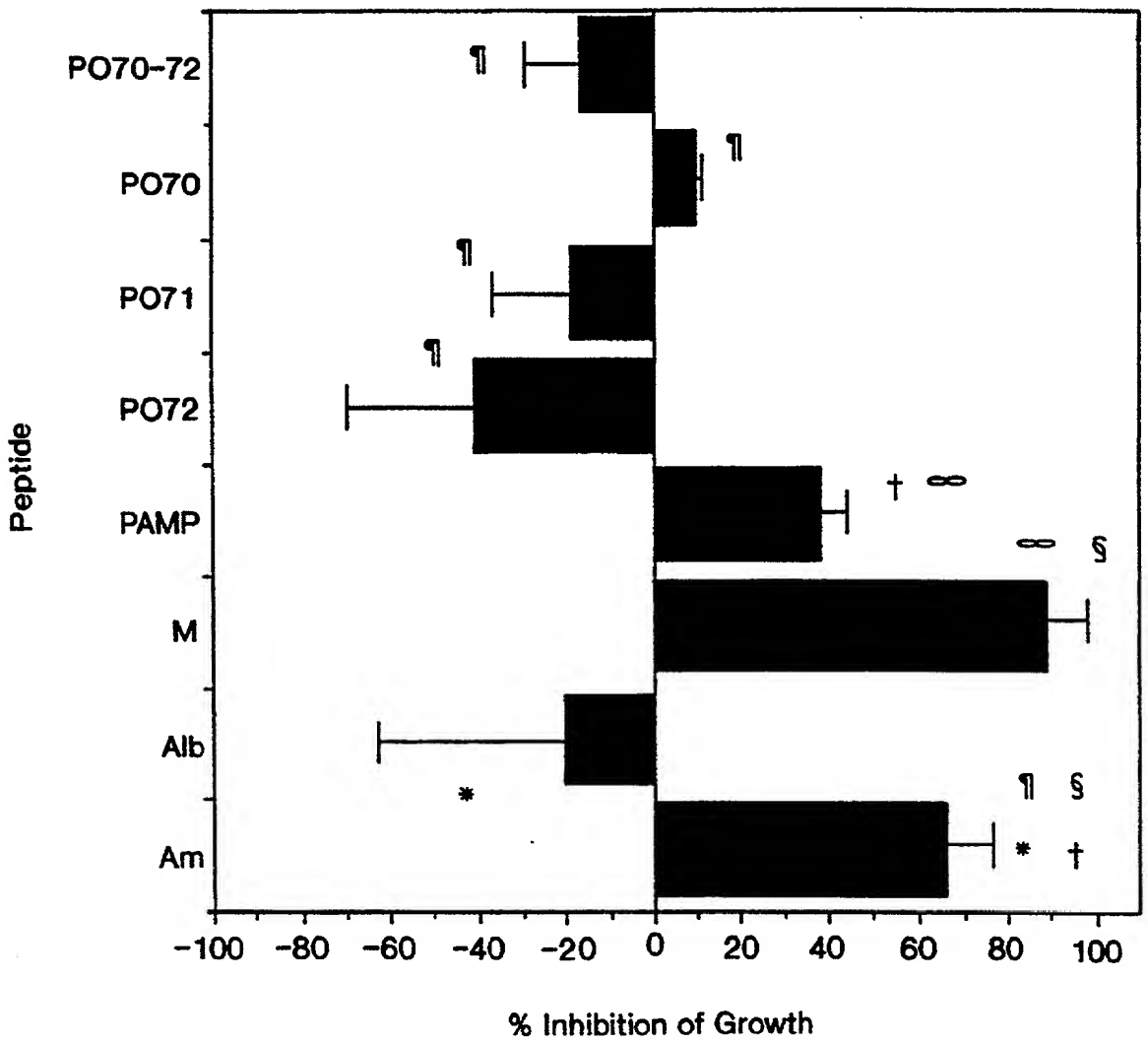
PO70-72
PO70
PO71
PO72
PAMP
M
Alb
Am
Peptide
¶
†
∞
§
*
-100
-80
-60
-40
-20
0
20
40
60
80
100
% Inhibition of Growth

FIG. 22

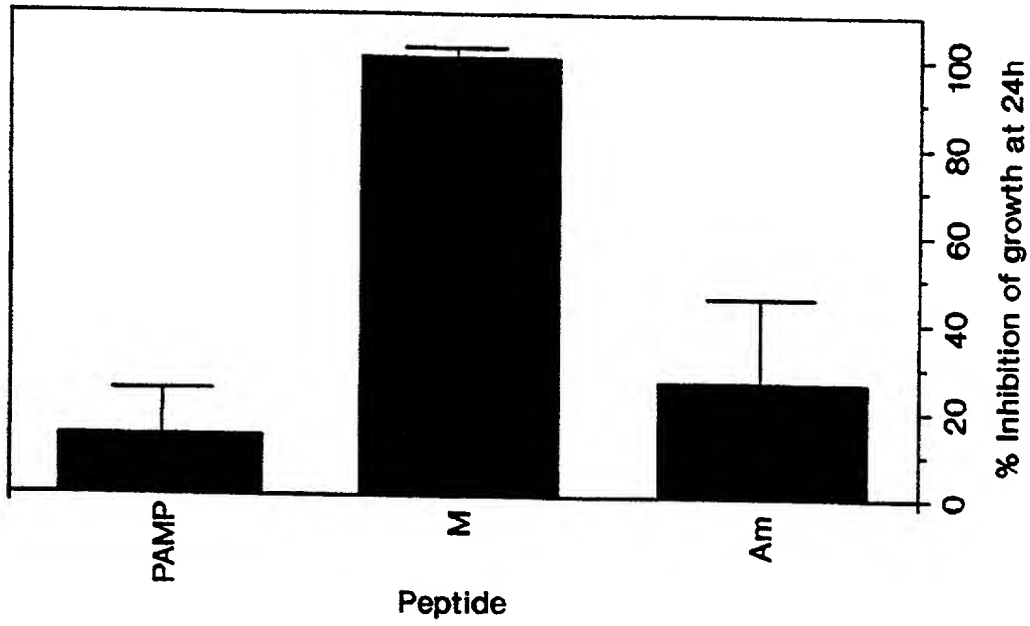

FIG. 23A

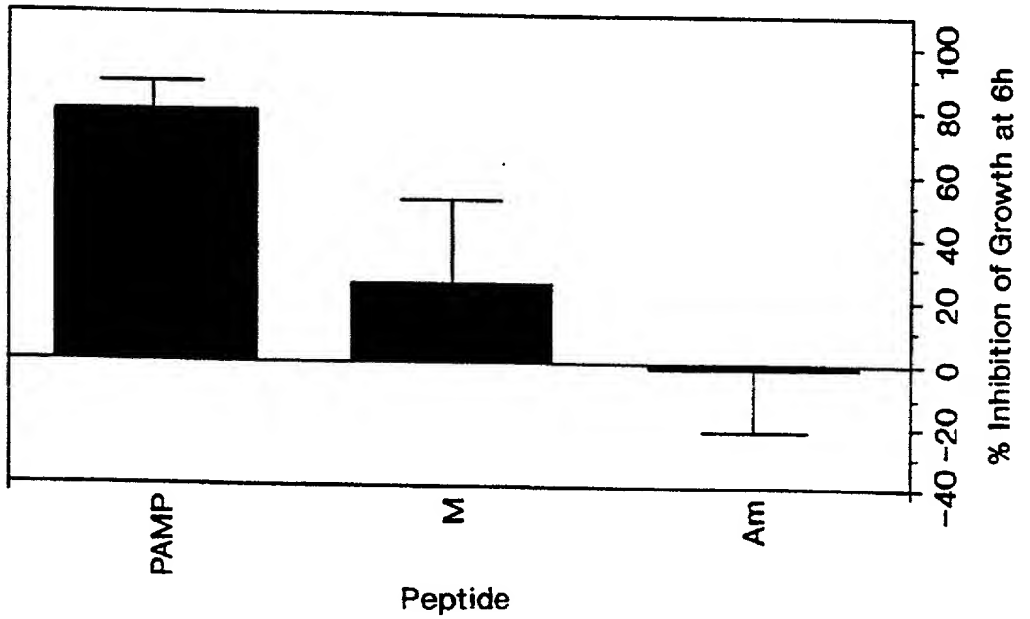

FIG. 23B

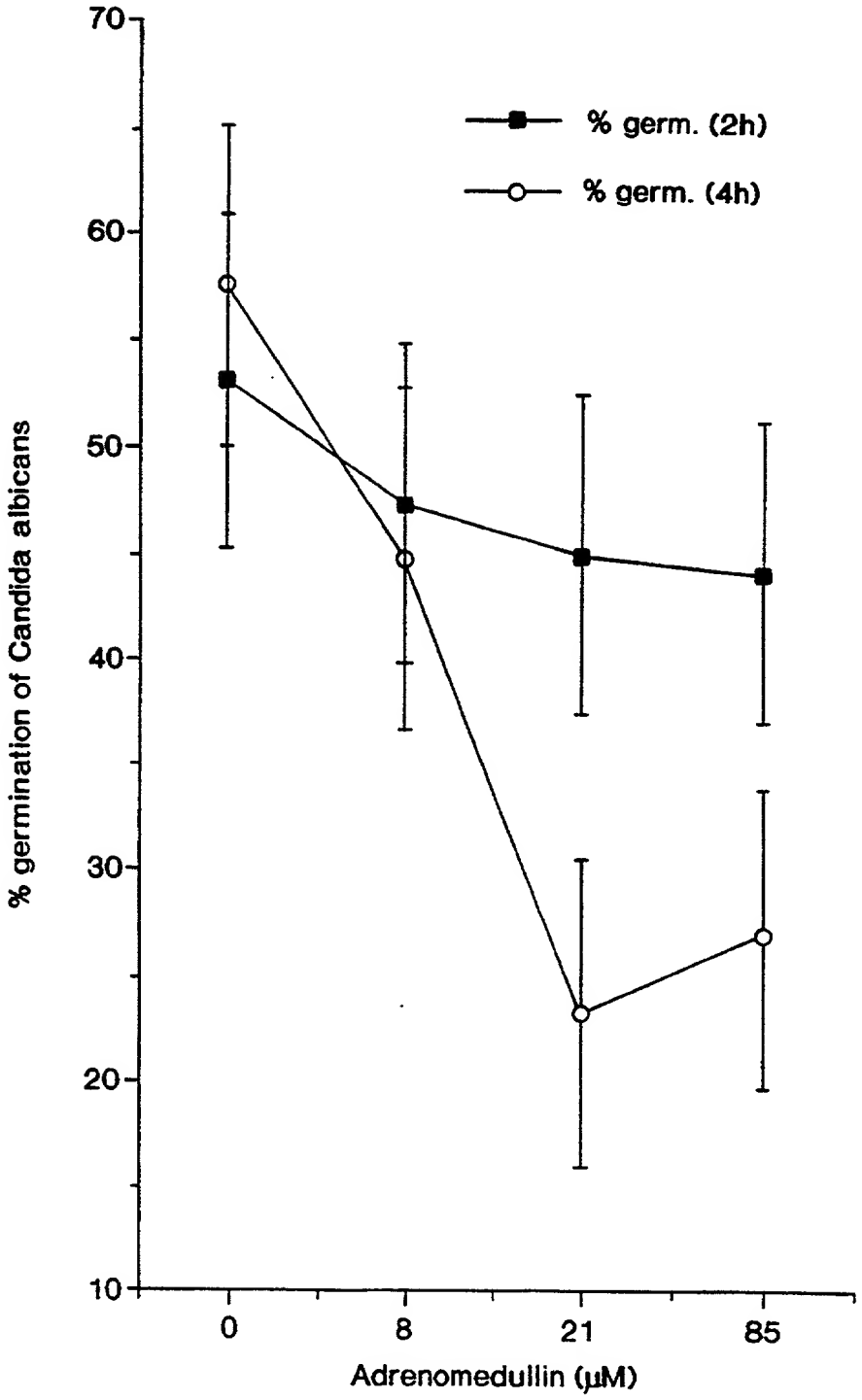
70
60
50
40
30
20
10
% germination of Candida albicans
% germ. (2h)
% germ. (4h)
0
8
21
85
Adrenomedullin (μM)

FIG. 24

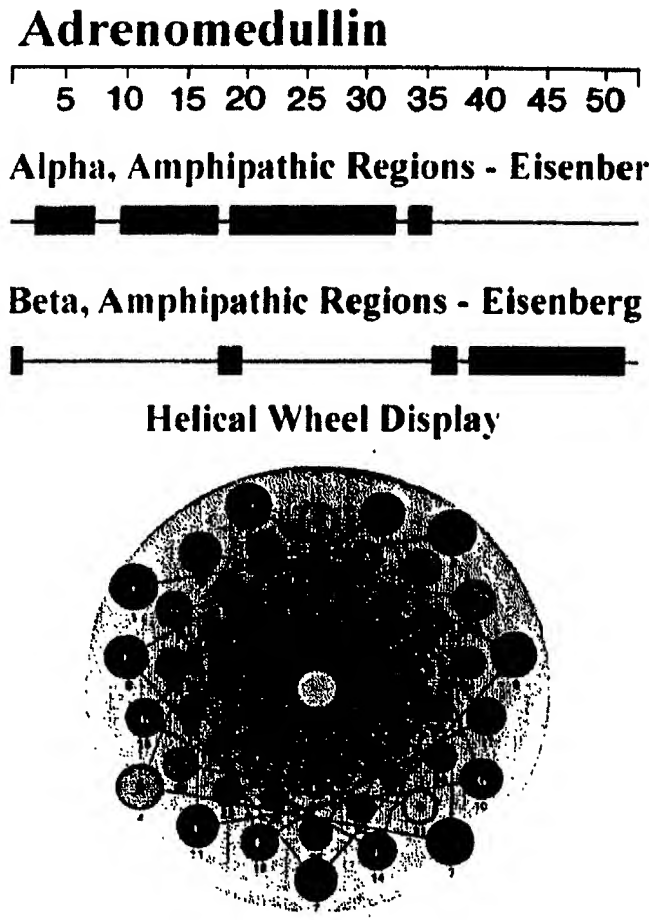

FIG. 25A

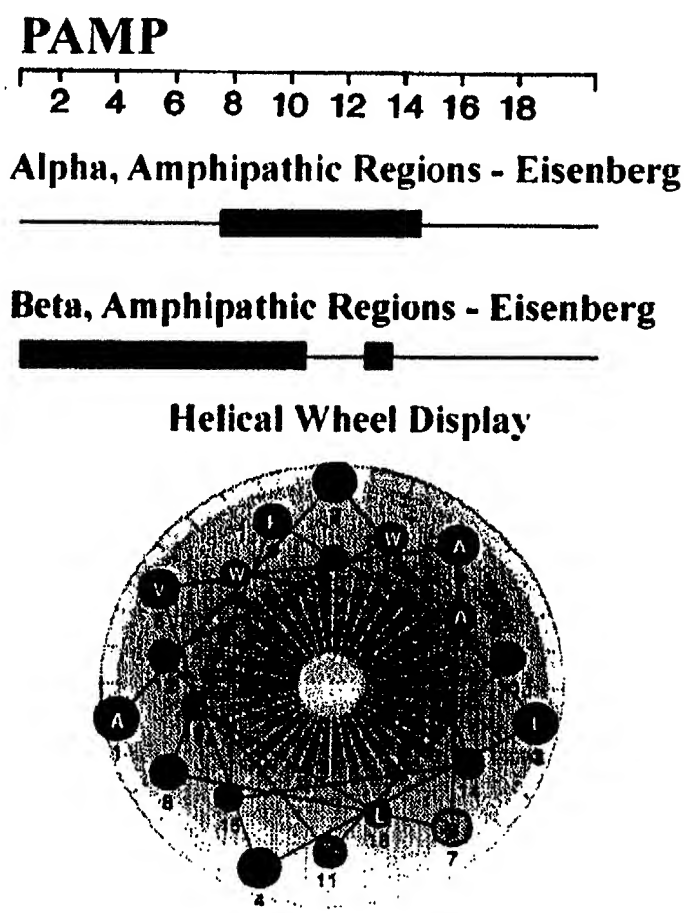

FIG. 25B

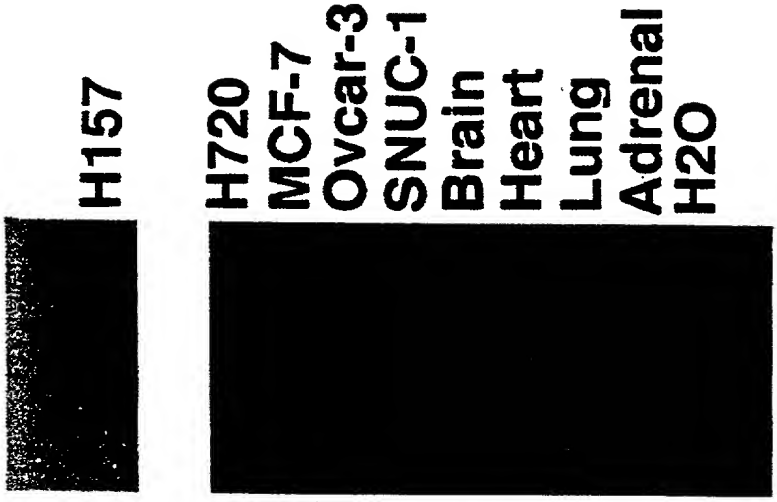

FIG. 26A

- 410 bp

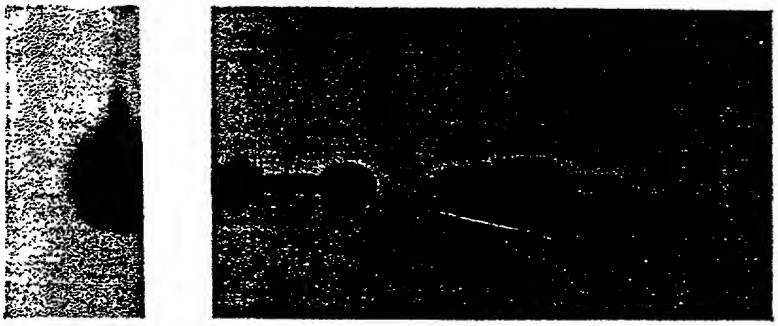

FIG. 26B

- 471 bp

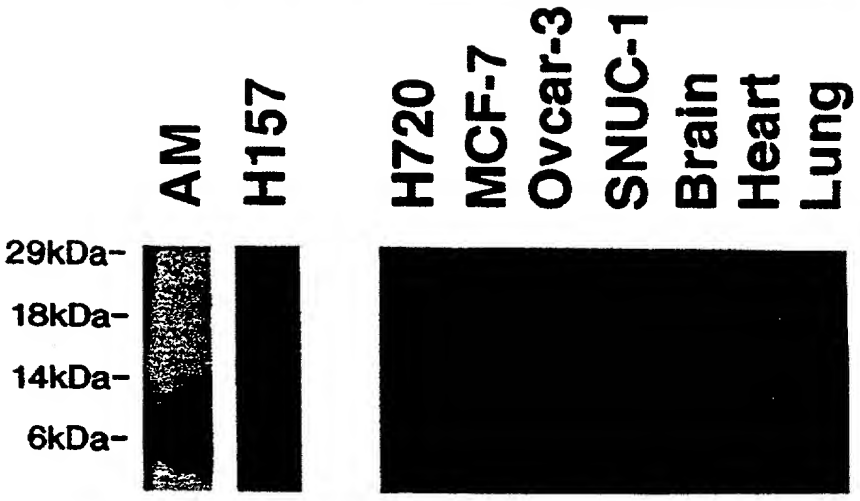

FIG. 26C

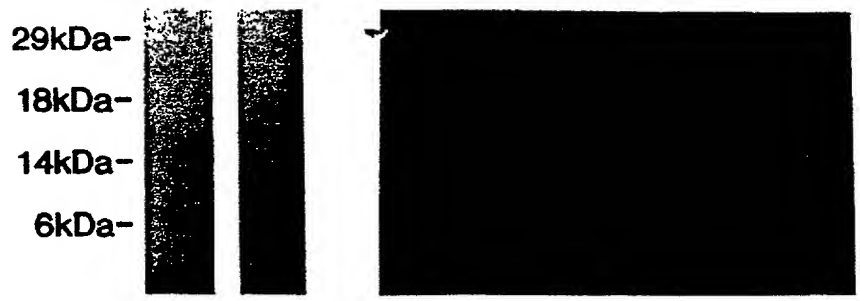

FIG. 26D

FIG. 27A

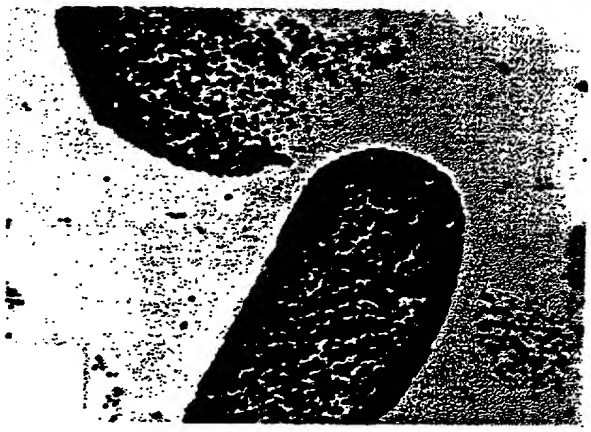

FIG. 27B

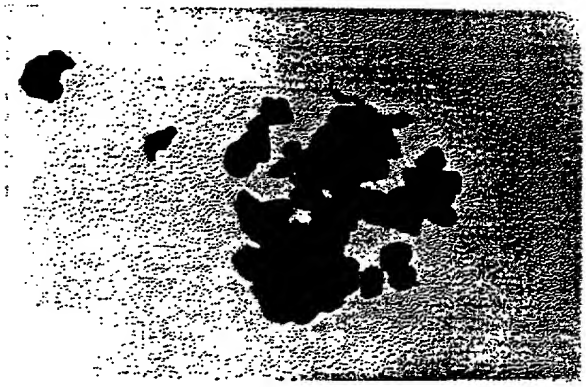

FIG. 27C

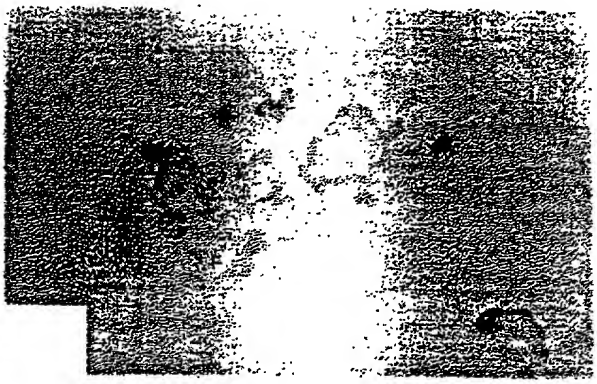

FIG. 27D

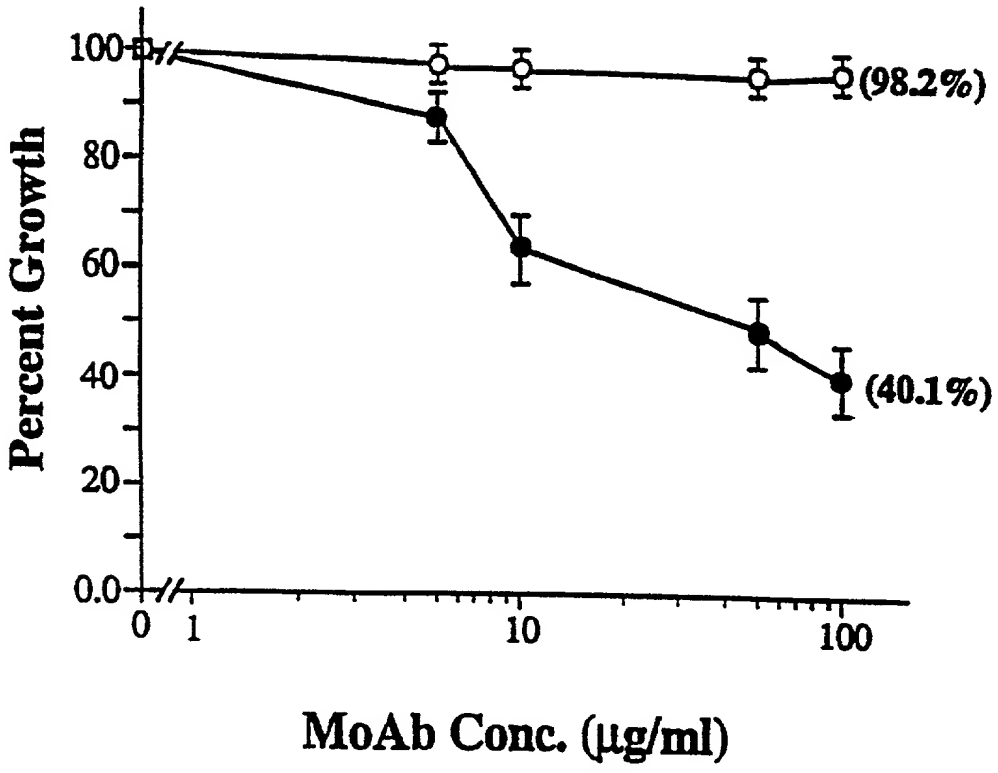

FIG. 28A

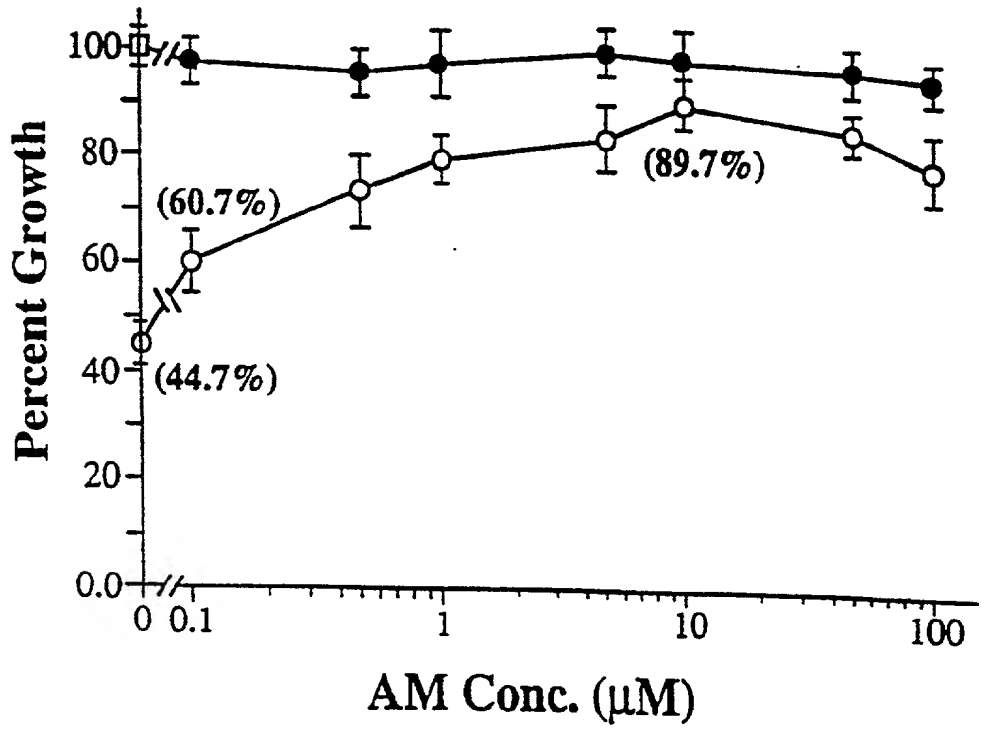

FIG. 28B